Gulf of Mexico Harmful Algal Bloom Bulletin

27 February 2007

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: November 8, 2006

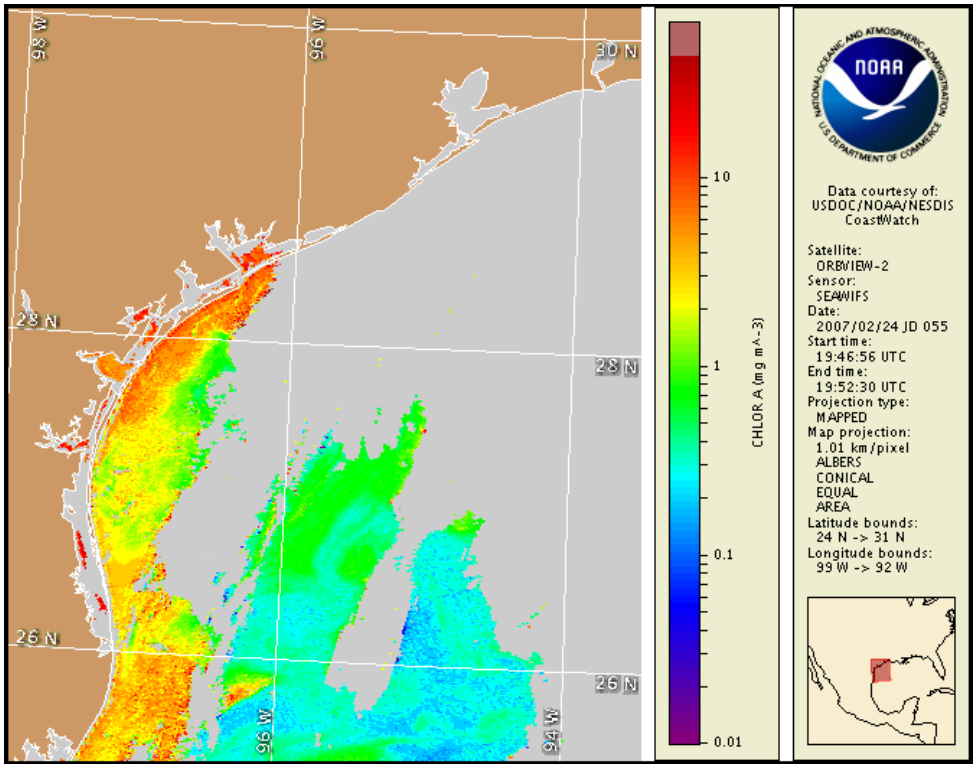
Conditions Report

There have been no recent reports of red tide. No impacts are expected in Texas. Check with the Department of Health Services for shellfish conditions.

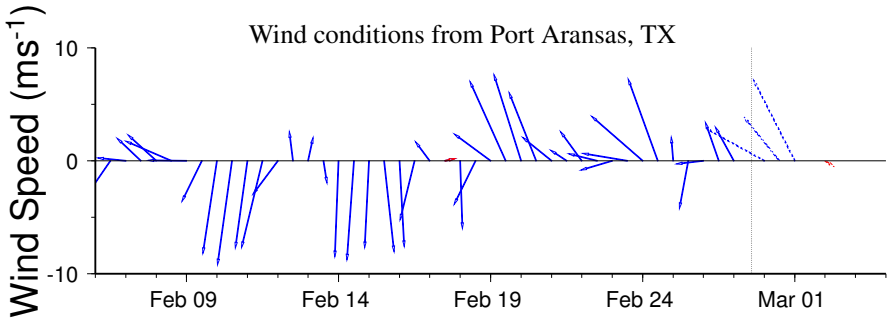
Analysis

There have been no reports of red tide and no impacts are expected onshore along the Texas Coast. Higher chlorophyll areas likely represent a non-harmful algal bloom.

Lopez, Ransi

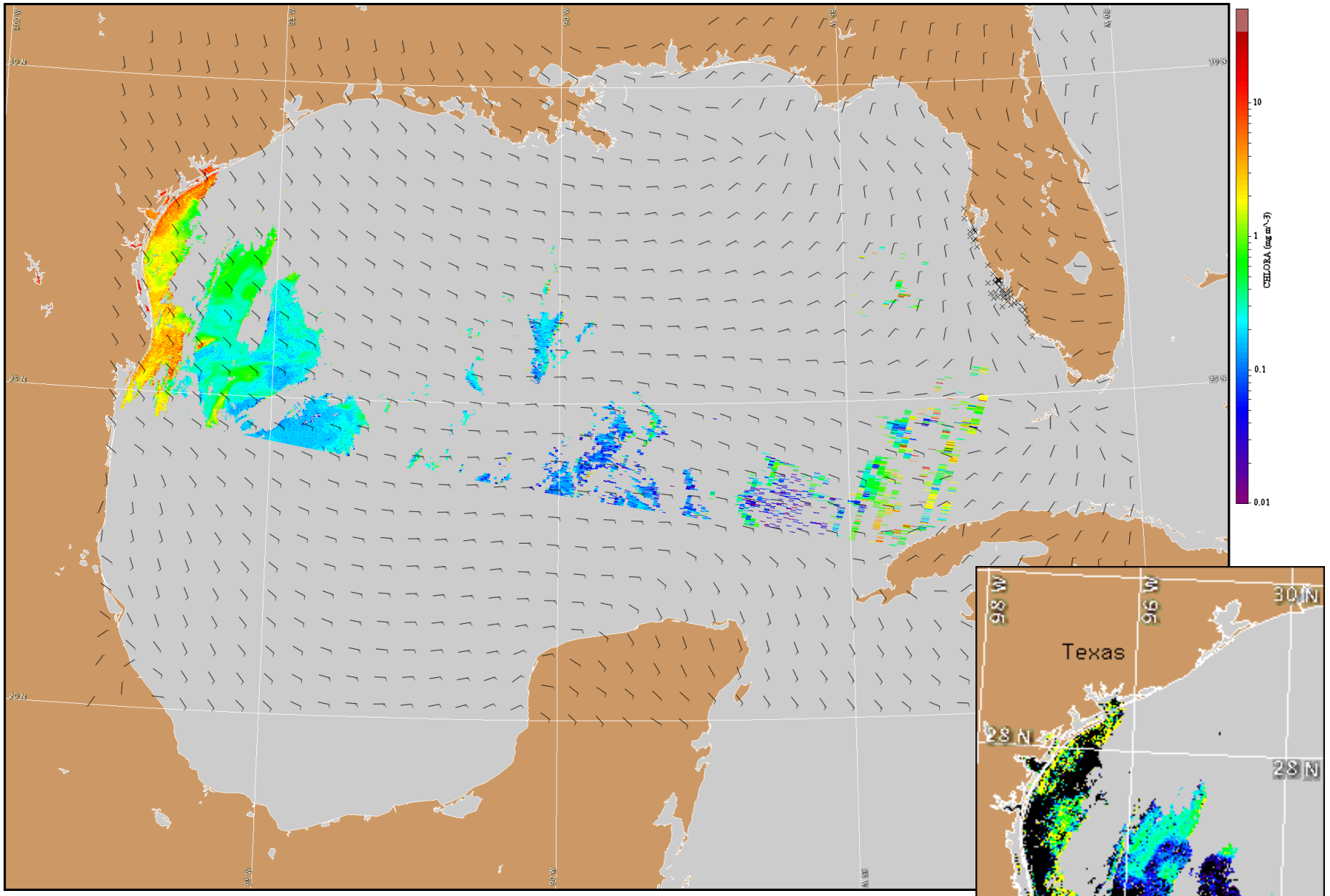


Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from February 19-23 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide: http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf



Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

Today, east winds at 5-10 knots (2.5-5 m/s) increasing to 10-15 knots (5-8 m/s) in the afternoon. Wednesday, southeast winds 10-15 knots (5-8 m/s). Thursday, west winds at 10-15 knots (5-8 m/s) will shift north in the evening.



Satellite chlorophyll image and forecast winds for February 28, 2007 06Z with cell concentration sampling data from February 19-23 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide: http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf

Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).